FileNet Interface

This document defines, in broad terms, the scope of the FileNet interface with Enterprise Quality Manager (EQ/M) for the Grade Crossing Management System (GCMS).

Ref #	Function/Feature
A	**Integration Requirement with FileNet and EQ/M.**
1	This integration will facilitate to store all inspection and uploaded reference documents in EQ/M in the FileNet System.
2	This integration method will be decided by both parties whether EQ/M should integrate with FILENET through database or there is any other solution should be adopted, e.g. services. This will depend on security concerns and the transferring of files through the intranet.
3	This integration will store all inspection and uploaded reference documents in the FILENET system.
	This integration will check if any new documents are ready to store in FILENET.
	This integration will provide the status of each document stored in the FILENET.
	Any document stored in FILENET will have unique identification number such that it should be available in EQ/M database and FILENET database for further reference.
5	Integration with FILENET should be single request and response only.
6	This integration should not delete any documents on FILENET, all files that stored in the FILENET are kept permanently.
7	This integration shall pass following information to FILENET and a log with the result for each document should be stored and maintain in EQ/M, however some information can be optional depending on the document. Result will be containing following:
	Unique Identification Number (GUID)
	File No
	File Name
	File Classification
	File Size and FileType
	File Date

Ref #	Function/Feature

Author
***Further fields will be defined in requirements gathering

The integration will maintain the same contents of the document available on EQ/M and FILENET. Any document stored physically on FILENET should have same document contents.

This integration will map the data between EQ/M and FILENET, any document stored on FILENET should have relevant information and it should available in EQ/M database.

B **Backend EQ/M Application Requirement.**

The system should store the document reference no and description of document in database.

- Unique Identification Number (GUID)
- File No
- File Name
- File Classification
- File Size and FileType
- File Date
- Author

***Further fields will be defined in requirements gathering

4 The EQ/M will provide the ability to archive electronic format such attachments includes faxes, inspection reports, and plan etc. directly to the imaging system.

5 The EQ/M shall allow multiple document at the same time and also it should not restrict the file size stored (Maximum size should be limited to 2 to 4MB)

The EQ/M will allow to store all file types that are supported by different packages and the system should support storage of TIFF files, ERM documents and PC generated files (word processing documents, JPEG, voice files, and video clips) in one file as zip.

Below is the list mostly the users will be used and there should not restriction to file types except executable file & batch file.

Microsoft File Types

Text and word processor documents.
Presentation documents

Ref #	Function/Feature

Spreadsheets
Image files (such as JPEG or GIF, Microsoft image file types)
HTML files
Drawings

Microsoft Project Files
Microsoft Visio Files

Adobe file types
PDF files
Auto-Cad Drawings file types

Other than the above the system shall allow to store the document electronically for the below list.

Inspection Reports
Evidence could be any format of image.

5.	Retrieving of the files will be done in EQ/M by link or URL.
6	EQ/M will import image and text files generated by word processing, spreadsheet, graphics (e.g. AUTOCAD) and other software applications.
7	EQ/M will allow the user to view the document, e.g. if it is a word document they must have word to open the file, or if it is a CAD document, they must have a CAD viewer to open the file, etc
8	EQ/M has the ability to process portrait and landscape oriented documents.
9	EQM will able to print documents on a variety of printers using standard MS-Windows print drivers.
10	EQ/M will retrieve these documents through a URL from the system itself.
C	FILENET Requirement.
1.	FILENET shall provide us to access the database server to integrate with EQ/M. FILENET shall create a user in there system to give access

Ref #	Function/Feature
	to EQ/M user.
2.	FILENET shall create a document folder in the system called EQM – Application
3	FILENET shall provide this folder to access by EQ/M system user only.
4	FILENET shall not provide this folder to any other system and any other user unless it required by the business user approval.
5	FILENET shall provide this option to view all these documents by EQ/M users through FILENET.
6	FILENET shall not delete any file on the FILENET System.
7	FILENET should send a URL and required parameter to view the documents on EQ/M application.